

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	62	501/77,78.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (ZnO or Zn0 or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum)	US-PGPUB; USPAT	OR	ON	2006/03/18 04:37
S2	7	501/77,78.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (ZnO or Zn0 or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum)	USOCR	OR	ON	2006/03/18 03:57

## EAST Search History

S3	79	glass and (SiO2 or "SiO.sub.2" or SiO2 or "Si0.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "Zr0.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) and (ZnO or Zn0 or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 0.sub.5" or "Nb.sub.20.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 0.sub.5" or "Ta.sub.20.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 0.sub.3" or "La.sub.20.sub.3" or lanthania or lanthanum)	EPO; JPO; DERWENT	OR	ON	2006/03/18 04:53
S4	575	glass and (SiO2 or "SiO.sub.2" or SiO2 or "Si0.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "Zr0.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) and (ZnO or Zn0 or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 0.sub.5" or "Nb.sub.20.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 0.sub.5" or "Ta.sub.20.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 0.sub.3" or "La.sub.20.sub.3" or lanthania or lanthanum)	US-PGPUB; USPAT	OR	ON	2006/03/18 03:20

## EAST Search History

S5	136	(optical near glass) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (ZnO or Zn0 or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum)	US-PGPUB; USPAT	OR	ON	2006/03/18 06:13
S6	1	"6797659".pn.	US-PGPUB; USPAT	OR	ON	2006/03/18 04:27
S7	1	"4732875".pn.	US-PGPUB; USPAT	OR	ON	2006/03/18 04:27

## EAST Search History

S8	76	501/77,78,79,37,49,50,51.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (ZnO or ZnO or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum)	US-PGPUB; USPAT	OR	ON	2006/03/18 10:47
S9	60	(optical near glass) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (ZnO or ZnO or zinc) and (WO3 or "WO.sub.3" or W03 or "W0.sub.3" or tungsten or wolfram) and (Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or Nb2O5 or "Nb.sub.2 O.sub.5" or "Nb.sub.2O.sub.5" or niobia or niobium) and (Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or Ta2O5 or "Ta.sub.2 O.sub.5" or "Ta.sub.2O.sub.5" or tantalum) and (La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or La2O3 or "La.sub.2 O.sub.3" or "La.sub.2O.sub.3" or lanthania or lanthanum)	EPO; JPO; DERWENT	OR	ON	2006/03/18 04:39
S10	18	uehara-susumu.in.	US-PGPUB; USPAT	OR	ON	2006/03/18 04:40

## EAST Search History

S11	2	jp-08026765-\$.did.	EPO; JPO; DERWENT	OR	ON	2006/03/18 05:00
S12	2	jp-2001220169-\$.did.	EPO; JPO; DERWENT	OR	ON	2006/03/18 05:00
S13	1	jp-49021408-\$.did.	EPO; JPO; DERWENT	OR	ON	2006/03/18 05:01
S14	1	de-2257635-\$.did.	EPO; JPO; DERWENT	OR	ON	2006/03/18 05:01
S16	73	S5 not S8	US-PGPUB; USPAT	OR	ON	2006/03/18 06:14
S17	1	"6844279".pn.	US-PGPUB; USPAT	OR	ON	2006/03/18 10:47
S18	2	"6844279".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/18 11:23
S19	2	"6977232".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/18 11:23